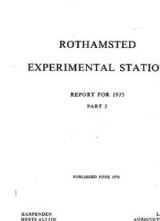


Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Rothamsted Experimental Station Report for 1975 Part 2



[Full Table of Content](#)

Subject Index

Rothamsted Research

Rothamsted Research (1976) *Subject Index* ; Rothamsted Experimental Station Report For 1975 Part 2, pp 131 - 131 - DOI: <https://doi.org/10.23637/ERADOC-1-10>

SUBJECT INDEX

- Ants, numbers caught on Park Grass, 83
- Aphids
bulletins, 97
caught in suction traps, 98–113
- Arthropods, numbers caught in traps, 78, 87
- Barley
bicarbonate-soluble P in soils and, 5, 11, 15, 27, 28
effect of soil P on yield, 5
in Continuous Wheat and Barley experiments, 5
yields and uptake of P by, 11, 15, 29, 30, 33
- Beetles, numbers caught on Park Grass, 77, 83, 84
- Centipedes, numbers caught on Park Grass, 83
- Chrysopa carnea*, caught in Insect Survey, 126
- Collembola, numbers caught in pitfall traps, 77
- Compost, applied in phosphate-residues experiment, 7
- Continuous Wheat and Barley experiments, 5
- Drainage
at Saxmundham, 37, 39
at Woburn, 38
continuous and discontinuous, 42
crop nutrients removed in, 37, 46, 49, 56–60
effects of weather on, 38–45
percentage of rain in, 42
retention of N fertilisers and, 43
- Drainage water
composition of, 37, 46–55
conductivity of, 53
loss of nutrients in, 37, 46, 49, 56–60
methods of analyses and sampling, 61
pH of, 56
silicon in, 59
- Fertilisers, use of in England and Wales, 91
- Insect Survey
aphid bulletins, 97
insects in light traps, 97, 114–125
insects in suction traps, 97, 100–113, 126–127
- Leaching of nitrate in soils, 49
- Long-term Phosphate experiment, Woburn, 5–36
build-up of soil P on, 8
cropping and manuring, 9
experimental design of, 8
manures applied to, 6
soils and history of site, 6
yields and uptake of P, 11
- Market Garden experiment, Woburn, 5–36
bulky organic manures applied, 7
cropping and manuring, 9
experimental design of, 8
soils and history of, 7
yields and P uptake on, 10
- Millipedes, numbers caught on Park Grass, 83
- Moths, caught in light traps, 114–125
- Neuroptera, caught in Insect Survey, 127, 128
- Nitrate leaching under arable and herbage crops, 49
- Organic carbon in soils, effect of organic manures on, 15
- Organic manures
applied in Market Garden experiment, 7
effect on organic carbon in soil, 15
- Park Grass
effect of fauna on crop yield, 70–73
effect of soils on animal numbers, 65, 67, 71
invertebrate fauna of, 63–89
manurial treatments, 63
trapping animals on, 64
- Phosphorus in soil
ADAS phosphate index, 5
bicarbonate-soluble P, 5–36
build-up of, 23
crop yields and P uptake, 10–19, 29–35
effect of cropping and manuring on, 20
effect of P fertilisers on, 5, 20–22
effect of P residues in soil on, 5–36
Long-term Phosphate experiment, 5–36
- Potatoes
bicarbonate-soluble P in soils and, 5, 12, 16, 27, 28
effect of soil organic matter on, 16
in Continuous Wheat and Barley experiments, 5
yields and P uptake of, 12, 16, 29, 31, 34
- Rothamsted Insect Survey, 97–128
aphid bulletins, 97
insects in light traps, 97, 114–125
insects in suction traps, 97, 100–113, 126–127
- Saxmundham
crop nutrients lost in drainage at, 57
drainage-water composition, 37, 46–55
old and new drainage systems, 39
- Sewage sludge, applied in Market Garden experiment, 7
- Silicon in drainage water, 59
- Soil fauna
effect of mowing on, 86
effect of soils on numbers, 65, 67, 71
effect on crop yield, 70–73
numbers caught in traps, 66, 68, 76–89
on Park Grass, 63–89
phenology of, 75
predators of pests in grassland, 86
- Spiders, numbers caught on Park Grass, 76, 79, 80, 81, 82
- Sugar beet
bicarbonate-soluble P in soils and, 5, 13, 16, 27, 28
effect of soil organic carbon on, 17
in Continuous Wheat and Barley experiment, 5
yields and uptake of P, 13, 16, 27, 32, 35
- Weather, effects on drainage, 38–45
- Woburn
crop nutrients lost in drainage at, 58–59
drainage-water composition, 37, 38, 44, 45, 51, 54
55
effect of P residues on crop yields at, 5–36
soils on phosphate-experiment sites, 6